

**(19) World Intellectual Property Organization
International Bureau**



(43) International Publication Date
24 July 2003 (24.07.2003)

(10) International Publication Number
WO 03/059044 A2

PCT

- (51) **International Patent Classification⁷:** **A01J**
- (21) **International Application Number:** PCT/IL03/00034
- (22) **International Filing Date:** 14 January 2003 (14.01.2003)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
60/356,327 15 January 2002 (15.01.2002) US
- (71) **Applicant (for all designated States except US): S.A.E. AFIKIM COMPUTERIZED DAIRY MANAGEMENT SYSTEM [IL/IL]; Kibbutz Afikim, 15148 Kibbutz Afikim (IL).**
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only): HALACHMI,**

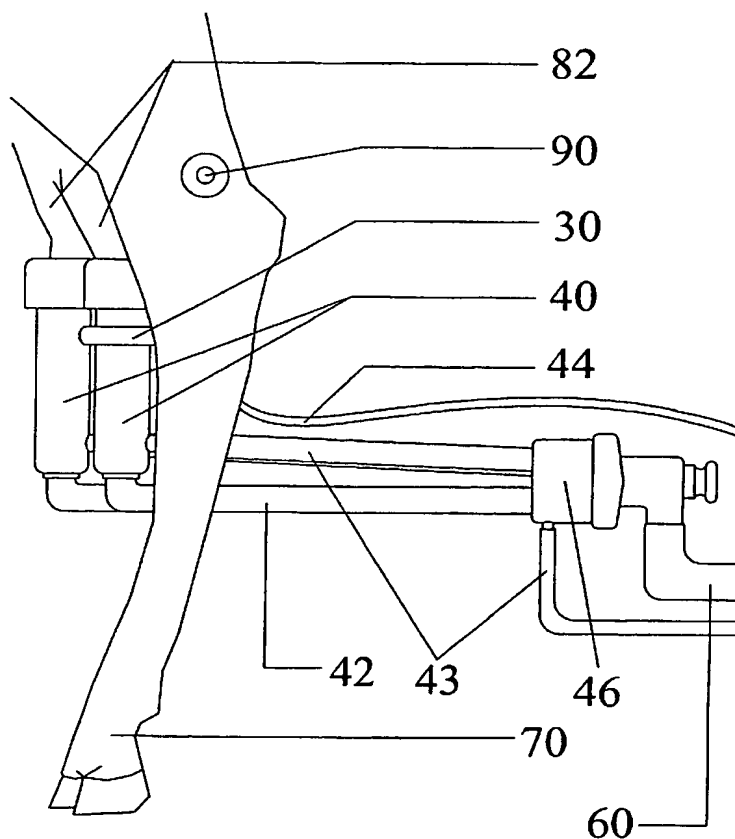
Ilan [IL/IL]; Kfar Yehoshua, 30063 Kfar Yehoshua (IL). **UNER, Eithan** [IL/IL]; Kibbutz Afikim, 15148 Kibbutz Afikim (IL). **PINSKI, Zafirir** [IL/IL]; 15148 Kibbutz Afikim (IL). **ANDREI, Ronny** [IL/IL]; Hashomer Street 46/7, 14265 Tiberias (IL). **MALAMUD, Ran** [IL/IL]; 19125 Moshav Ramat Tzvi (IL). **KEREN, Zvi** [IL/IL]; 12660 Moshav Sde Ilan (IL).

- (74) Agent: JEREMY M. BEN-DAVID & CO. LTD.;** Har
Hotzvim Hi-Tech Park, P.O. Box 45087, 91450 Jerusalem
(IL).

- (81) Designated States (national):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,

[Continued on next page]

- (54) Title:** IDENTIFICATION OF SMALL RUMINANTS



(57) Abstract: A system for identifying a ruminant, which is being milked. The system includes a transmitter attached to a hind leg of the ruminant and the transmitter transmits a predefined signal, which identifies the ruminant to which the transmitter is attached. The system includes at least one teat cup on which is attached an antenna to receive the signal with which to identify the animal. The teat cup is positionable on the ruminant's teat. A method for using the system is taught as is a teat cup having an antenna fixed thereon.

WO 03/059044 A2



SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

(84) **Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *without international search report and to be republished upon receipt of that report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.